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Separator for lithium battery - comprises polyethylene compsn. contg. ultra-high m.wt. polyethylene and micro-porous film NoAbstract NoDwg
Patent Assignee: TONEN CORP

Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
JP 3105851	A	19910502	JP 89242854	A	19890919	199124	B
JP 2520310	B2	19960731	JP 89242854	A	19890919	199635	

Priority Applications (Number Kind Date): JP 89242854 A (19890919)

Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
JP 2520310	B2		7	H01M-002/16	Previous Publ. patent JP 3105851

Abstract:

JP 3105851 A

Thin film comprises a laminate of oxide superconductor and oxide magnetic material.

Pref. the laminated film comprises two- or multi-layered structure formed by laminating the oxide superconductor and oxide magnetic material alternately. Pref. the oxide magnetic material has ferro-magnetism, or anti-ferro-magnetism and is composed of La, Ca, Mn, and O, esp. crystals of $\text{La}(1-x)\text{Ca}_x\text{MnO}_3$, where $x = 0.05-0.95$ with the perovskite structure. The oxide superconductor is pref. Y or rare-earths, Ba, Cu, and O, or Bi, Pb, Sr, Ca, Cu, and O.

USE/ADVANTAGE - The laminate is used as superconductive material having improved T_c . The material has an interface which is less reactive and steep. (5pp Dwg.No.0/0)

Derwent World Patents Index

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 - 4 Basic Patent (Number,Kind,Date): JP 11140641 A2 19990525 - SPUTTERING DEVICE AND SPUTTERING METHOD USING THE SAME - Title in English - JP 97313702 A 19971114 - INPADOC - US\$10.55
 - 5 Basic Patent (Number,Kind,Date): JP 4333971 A2 19921120 - MEDICAL IMAGE PRESERVATION AND COMMUNICATION SYSTEM - Title in English - JP 91105851 A 19910510 - INPADOC - US\$10.55
 - 6 Basic Patent (Number,Kind,Date): JP 3105851 A2 910502 - SEPARATOR FOR LITHIUM BATTERY AND LITHIUM BATTERY - Title in English - JP 89242854 A 890919 - INPADOC - US\$10.55
 - 7 MEDICAL IMAGE PRESERVATION AND COMMUNICATION SYSTEM - JAPIO - US\$1.60
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